

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L16 | 17 | ("2527968").URPN. | USPAT | OR | ON | 2006/09/21 07:48 |
| L17 | 43 | ((("0606549") or ("0833001") or ("1055013") or ("1115348") or ("2292581") or ("2301151") or ("2308728") or ("2343875")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/21 07:48 |
| L18 | 14 | Hansson-Jonas\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 07:56 |
| L19 | 5 | Roswall-Goran\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 07:56 |
| L20 | 18 | L19 or L18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 07:56 |
| L21 | 595 | (409/137).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/21 07:56 |
| L22 | 2 | "20050232717" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 07:56 |
| L23 | 2 | ("6514018").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/21 07:56 |

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| L24 | 2 | ("6264590").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/21 07:56 |
| L25 | 12 | ("3828649" "4037982" "4563115" "4652190" "4957148" "4981403" "5632579" "5791842").PN. OR ("6264590").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/21 07:56 |
| L26 | 20 | ("3339435" "4921375" "5034041" "5113951" "5292210" "5467835").PN. OR ("5688082").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/21 07:56 |
| L27 | 23 | ("0994430" "20020187014" "3786846" "3942411" "4037982" "4200417" "4652184" "4674548" "4738571" "4752161" "5026221" "5034041" "5143490" "5323823" "5356245" "5451122" "5584620" "5688082" "5947661" "5988954" "6079078").PN. OR ("6854937"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/21 07:56 |
| L28 | 12 | ("3617141" "4037982" "4443141" "4530627" "4822219" "4915550" "4917547" "5087156").PN. OR ("5199830").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/21 07:56 |
| L29 | 14 | ("2675038" "3587391" "3734153" "3770031" "4037982").PN. OR ("4530627"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/21 07:56 |
| L30 | 557 | L20 or L21 or L22 or L23 or L24 or L25 or L26 or L27 or L28 or L29 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/21 07:56 |
| L31 | 876 | (408/67).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/21 07:56 |

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| L32 | 780 | L31 not L30 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 07:56 |
| L33 | 1389 | 31 or 30 or 16 or 17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 07:56 |
| L34 | 453 | (409/134).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/21 07:56 |
| L35 | 364 | 34 not 33 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 07:57 |
| L36 | 2565166 | suck\$4 or suction\$4 or exhaust\$4 or vacuum\$4 or vaccuum\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 07:57 |
| L37 | 36 | 35 and 36 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 08:00 |
| L38 | 1425 | 33 or 37 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 08:00 |
| L39 | 1307 | (451/456).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/21 08:00 |

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|-----|---------|---|---|----|-----|------------------|
| L41 | 2221821 | telescop\$4 or collaps\$4 or expand\$4 or expans\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 08:01 |
| L42 | 141 | 39 and 41 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 08:02 |
| L43 | 124 | 42 not 38 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 08:04 |
| L44 | 2 | ("4245437").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/21 08:06 |
| L45 | 2135075 | chip or chips or swarf or debris or dust or waste or scrap or cuttings | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/21 08:07 |
| L46 | 4277288 | spring or bias\$4 or resilien\$3 or elastic\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 08:07 |
| L47 | 5405587 | tool\$4 or cut or cuts or cutter or cutting or drill\$4 or rout\$4 or mill\$4 or endmill\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 08:09 |
| L48 | 59461 | 36 near3 45 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 08:10 |

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|-----|--------|--------------------|---|----|----|------------------|
| L49 | 127256 | bellows | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 08:10 |
| L50 | 798 | 48 with (41 or 49) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 08:11 |
| L51 | 314 | 47 and 50 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 08:11 |
| L52 | 121 | 47 same 50 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 08:12 |
| L53 | 113 | 52 not 38 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 08:22 |
| L54 | 1538 | 52 or 38 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 08:23 |
| L55 | 0 | weeks-G\$.xp. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 08:23 |
| L56 | 178 | weeks-G\$.xa. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 08:23 |

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|-----|---------|---|---|----|-----|------------------|
| L57 | 27519 | "173"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 08:24 |
| L58 | 1476327 | @pd>"20060101" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 08:24 |
| L59 | 293 | 57 and 58 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 09:03 |
| L60 | 2 | ("20060110228").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/21 09:39 |
| L61 | 125 | (36 and (41 or 49) and 45 and 46 and 47).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 09:42 |
| L62 | 109 | 61 not 54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 09:45 |

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| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---------------------|---|------------------|---------|------------------|
| S1 | 14 | Hansson-Jonas\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/20 12:31 |
| S2 | 5 | Roswall-Goran\$.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/20 12:30 |
| S3 | 4 | S2 not S1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/20 12:31 |
| S4 | 18 | S2 or S1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/20 12:32 |
| S5 | 595 | (409/137).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/20 12:32 |
| S7 | 594 | S5 not S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/20 13:04 |
| S8 | 2 | "20050232717" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/20 13:06 |
| S9 | 2 | ("6514018").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/20 13:06 |

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| S10 | 2 | ("6264590").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/20 13:23 |
| S13 | 333 | cadugan-E\$.xa,xp. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/20 13:24 |
| S14 | 218 | cadugan-E\$.xp. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/20 13:24 |
| S15 | 71 | ergenbright-e\$.xa. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/20 13:24 |
| S16 | 404 | S15 or S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/20 13:24 |
| S17 | 12 | ("3828649" "4037982" "4563115" "4652190" "4957148" "4981403" "5632579" "5791842").PN. OR ("6264590").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/20 13:29 |
| S18 | 20 | ("3339435" "4921375" "5034041" "5113951" "5292210" "5467835").PN. OR ("5688082").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/20 13:36 |
| S19 | 23 | ("0994430" "20020187014" "3786846" "3942411" "4037982" "4200417" "4652184" "4674548" "4738571" "4752161" "5026221" "5034041" "5143490" "5323823" "5356245" "5451122" "5584620" "5688082" "5947661" "5988954" "6079078").PN. OR ("6854937"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/20 13:37 |

EAST Search History

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|-----|-----|--|---|----|-----|------------------|
| S20 | 12 | ("3617141" "4037982" "4443141" "4530627" "4822219" "4915550" "4917547" "5087156").PN. OR ("5199830").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/20 13:50 |
| S21 | 14 | ("2675038" "3587391" "3734153" "3770031" "4037982").PN. OR ("4530627"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/20 14:29 |
| S22 | 557 | S4 or S5 or S8 or S9 or S10 or S17 or S18 or S19 or S20 or S21 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/20 14:30 |
| S23 | 876 | (408/67).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/20 14:30 |
| S24 | 780 | S23 not S22 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/21 07:56 |